

DEPARTMENT OF COMMERCE
BUREAU OF STANDARDS
George K. Burgess, Director

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UNITED STATES GOVERNMENT MASTER SPECIFICATION FOR
COLON TUBE

FEDERAL SPECIFICATIONS BOARD SPECIFICATION No. 236

This specification was officially promulgated by the Federal Specifications Board on November 5, 1924, for the use of the Departments and Independent Establishments of the Government in the purchase of colon tubes

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I. TYPE

Colon tubes shall be of a single type as described below.

II. MATERIAL AND WORKMANSHIP

Tubes shall be made of a rubber compound. They shall be free from defects in material or workmanship.

III. GENERAL REQUIREMENTS

Tubes shall have one opening in outlet end and shall have one depressed velvet eye on side of outlet end. They shall be 30 inches long and 30 French scale in diameter. Tubes shall have a smooth glass cured finish. The wall shall be not less than 0.075 inch thick.

IV. DETAIL REQUIREMENTS

1. RUBBER CONTENT.—The rubber compound shall contain at least 55 per cent by volume of best quality new wild or plantation rubber.

2. TENSILE STRENGTH.—The tensile strength shall be not less than 1,200 lbs./in.²

3. ULTIMATE ELONGATION.—The ultimate elongation shall be not less than 350 per cent (1 inch to 4.5 inches).

4. RESISTANCE TO HOT AIR.—Samples shall be aged in a drying oven in circulating air at 70° C. for seven days. Twenty-four hours after removal the tensile strength shall not decrease more than 50 per cent.

V. SAMPLING

One tube shall be selected from each 100 delivered for test and analysis.

VI. PACKING AND MARKING

Tubes shall be marked with manufacturer's name or trade name and date of manufacture. Packing shall be as called for in the proposal.

VII. ADDITIONAL INFORMATION

No details specified.

VIII. GENERAL SPECIFICATIONS

General Specifications for Rubber Goods, F. S. B. Specification No. 59, in effect on date of issuance of proposal, shall form part of this specification.

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